



SUBGRADE PER SPECIFICATIONS
DO NOT COMPACT
SCARIFY, OR LOOSEN 12 INCHES
DEPTH OF SUBGRADE

PERMEABLE INTERLOCKING CONCRETE PAVERS

1

MINIMUM MATERIAL THICKNESS (IN) GUIDANCE:

| LAYER | MATERIAL TYPE* | MODERATE VEHICULAR | | LIGHT VEHICULAR | | PEDESTRIAN | |
|-------|--|--------------------|--------------|-----------------|--------------|--------------|--------------|
| | | GOOD SOILS** | POOR SOILS** | GOOD SOILS** | POOR SOILS** | GOOD SOILS** | POOR SOILS** |
| (A) | PERMEABLE INTERLOCKING CONCRETE PAVERS | 3 1/8 | 3 1/8 | 3 1/8 | 3 1/8 | 3 1/8 | 3 1/8 |
| (B) | LEVELING COURSE ASTM NO. 8 | 2 | 2 | 2 | 2 | 2 | 2 |
| (C) | BASE COURSE ASTM NO. 57 | 6 | 6 | 6 | 4 | 4 | 4 |
| (D) | RESERVOIR COURSE ASTM NO. 2, 3, OR 57 | 22 | 28 | - | 10 | - | - |

* MATERIAL FINER THAN NO. 100 SIEVE SHALL NOT EXCEED 2 PERCENT FOR ANY AGGREGATE LAYER (LICENSED PROFESSIONAL TO SELECT AGGREGATE).

** "GOOD" AND "POOR" SOIL CLASSIFICATIONS BASED ON AASHTO GUIDE FOR DESIGN OF PAVEMENT STRUCTURES. SEE DESIGNER NOTES FOR SUBGRADE ASSUMPTIONS. (LICENSED PROFESSIONAL MUST CALCULATE REQUIRED DEPTH BASED ON SITE CONDITIONS).

*** FOR HEAVY VEHICLE TRAFFIC, LICENSED PROFESSIONAL MUST CALCULATE REQUIRED DEPTH BASED ON EXPECTED LOADS AND SITE CONDITIONS.

TYPICAL JOINT FILLER AGGREGATE SIZE:

| GAP WIDTH (IN) | JOINT FILLER AGGREGATE* |
|----------------|-------------------------|
| 3/8 OR 1/2 | ASTM NO. 8 |
| 1/4 | ASTM NO. 9 OR 89 |
| 1/8 | ASTM NO. 10 ** |

* PROVIDED FOR REFERENCE ONLY, FOLLOW MANUFACTURER'S RECOMMENDATIONS

** FOR PERMEABLE PAVERS ONLY, ASTM NO. 20 SAND NOT ALLOWED PER MANUFACTURER'S RECOMMENDATIONS. PERMEABLE PAVERS REFER TO PAVERS THAT ALLOW WATER TO FLOW THROUGH ACTUAL UNIT PAVER WHILE PERMEABLE INTERLOCKING CONCRETE PAVERS REFER TO PAVER SYSTEMS THAT ONLY ALLOW WATER TO PASS THROUGH JOINTS.

CONSTRUCTION NOTES:

- SEE PERMEABLE INTERLOCKING CONCRETE PAVER SPECIFICATIONS FOR WEARING COURSE, PAVEMENT BASE, SUBGRADE, AND OTHER REQUIREMENTS FOR PERMEABLE INTERLOCKING CONCRETE PAVER FACILITIES.
- MINIMUM UTILITY SETBACKS AND PROTECTION MEASURES MUST CONFORM TO MUNICIPAL UTILITY STANDARDS AND OTHER UTILITY PROVIDER REQUIREMENTS. COORDINATE WITH ENGINEER IN THE EVENT OF UTILITY CROSSINGS AND UTILITY CONFLICTS.
- IF UNDERDRAIN IS REQUIRED, DESIGN AND PLACEMENT IS PER ENGINEER'S RECOMMENDATION. SEE PC 3.1-3.4.
- SEE PC 1.1-1.6 FOR EDGE TREATMENT.

| NOTES | | KEY MAP | SECTIONS | | |
|--------|--------|---------|----------|--------|--------|
| PP 1.1 | PP 1.2 | PP 1.3 | PP 2.1 | PP 3.1 | PP 4.1 |



**GREEN INFRASTRUCTURE
TYPICAL DETAILS**

DETAIL ADAPTED FROM SAN FRANCISCO PUBLIC UTILITIES COMMISSION PP 2.1

| | |
|---------|----------------|
| DATE | SEPTEMBER 2019 |
| VERSION | 1.0 |
| REVISED | |

**PERVIOUS PAVEMENT
MATERIAL SECTIONS PERMEABLE
INTERLOCKING CONCRETE PAVERS**

DWG NO.

**PP
2.1**